

ABSTRACT

[96] A method of detecting a firearm shot includes providing a firearm shot detection system in a location where firearm shots are prone to occur; detecting with the firearm shot detection system a bang of a gunpowder explosion from the firearm shot; detecting with the firearm shot detection system a flash of exploding gases exiting a barrel of a firearm that fired the firearm shot; detecting with the firearm shot detection system a crack of a bullet breaking the sound barrier from the firearm shot; and initiating an alarm with the firearm shot detection system based on the detection of the bang of the gunpowder explosion from the firearm shot, the flash of exploding gases exiting the barrel of the firearm that fired the firearm shot, and the crack of the bullet breaking the sound barrier from the firearm shot.